

Title (en)
BREAST CANCER DETECTION AND BIOPSY

Title (de)
BRUSTKREBSERKENNUNG UND -BIOPSIE

Title (fr)
DETECTION ET BIOPSIE DU CANCER DU SEIN

Publication
EP 1804671 A4 20080220 (EN)

Application
EP 05779796 A 20050915

Priority
• IL 2005000988 W 20050915
• IL 2004000854 W 20040915

Abstract (en)
[origin: WO2006030406A2] A breast compression device suitable for compressing a breast for an x-ray guided biopsy, the device comprising: a) a base for contacting a portion of the surface of the breast; b) a flexible band, anchored to the base, adapted to be positioned on a side of the breast opposite the base, when the breast is inserted between the base and the band, which band is adapted to be wrapped at least part way around the breast; and c) a tensioning device, adapted to tension the flexible band around the inserted breast when the flexible band is anchored to the base, thereby compressing the breast between the flexible band and the base. A system for performing a biopsy of a breast lesion of a patient in a reclining position, the system comprising: a) a chair with a back that has an upright position and at least one reclining position; b) a compression device adapted to hold a breast of the patient seated in the chair in a compressed state, when the chair back is in the upright position or in at least one reclining position; and c) a biopsy unit having a biopsy element and being coupled to the chair back at least in a reclining position.

IPC 8 full level
A61B 8/00 (2006.01); **A61B 8/14** (2006.01)

CPC (source: EP US)
A61B 6/0414 (2013.01 - EP US); **A61B 6/0478** (2013.01 - EP US); **A61B 6/4417** (2013.01 - EP US); **A61B 6/502** (2013.01 - EP US); **A61B 8/0825** (2013.01 - EP US); **A61B 8/4416** (2013.01 - EP US)

Citation (search report)
• [XY] WO 9802095 A1 19980122 - NEOVISION CORP [US]
• [X] EP 1004274 A1 20000531 - RUBICOR MEDICAL INC [US]
• [Y] WO 9406352 A1 19940331 - FISCHER IMAGING CORP [US]
• [A] US 2003007598 A1 20030109 - WANG SHIH-PING [US], et al
• See references of WO 2006030436A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2006030406 A2 20060323; WO 2006030406 A3 20070524; EP 1800316 A2 20070627; EP 1800316 A4 20090318;
EP 1804671 A2 20070711; EP 1804671 A4 20080220; JP 2008513090 A 20080501; US 2008103387 A1 20080501;
WO 2006030436 A2 20060323; WO 2006030436 A3 20060526

DOCDB simple family (application)
IL 2004000854 W 20040915; EP 04770525 A 20040915; EP 05779796 A 20050915; IL 2005000988 W 20050915; JP 2007531952 A 20050915;
US 66288304 A 20040915